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Docket No.: M4065.0959/P959
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Dean A. Klein

Application No.: 10/796,111

Confirmation No.: 2460

Filed: March 10, 2004

Art Unit: 2818

For: **POWER MANAGEMENT CONTROL
AND CONTROLLING MEMORY
REFRESH OPERATIONS**

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)).

Pursuant to United States Patent and Trademark Office Official Gazette Notice: 05 August 2003 ("Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003") copies of the U.S. Patent Document references (i.e., references AA-AU7) on the PTO/SB/08 are not provided. Copies of the Foreign Patent Document references (i.e.,

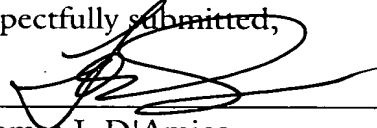
references BA, BB, and BC) and the Other Prior Art – Non Patent Literature Document References (i.e., references CA – CO6) on the PTO/SB/08 are provided.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is “prior art” for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0959/P959. A duplicate copy of this paper is enclosed.

Dated: June 10, 2004

Respectfully submitted,

By _____
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PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/796,111
				Filing Date	March 10, 2004
				First Named Inventor	Dean A. Klein
				Art Unit	2818
				Examiner Name	Not Yet Assigned
Sheet	1	of	13	Attorney Docket Number	M4065.0959/P0959

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	2002/0000666	1/2002	Kozicki et al.	
	AB	2002/0072188	6/2002	Gilton	
	AC	2002/0106849	08/2002	Moore	
	AD	2002/0123169	09/2002	Moore et al.	
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	AI	2002/0160551	10/2002	Harshfield	
	AJ	2002/0163828	11/2002	Krieger et al.	
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	AZ	2003/0095426	05/2003	Hush et al.	
	AA1	2003/0096497	05/2003	Moore et al.	
	AB1	2003/0107105	06/2003	Kozicki	
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Sheet	2	of	13	Attorney Docket Number	M4065.0959/P0959

	AS1	4,320,191	3/1982	Yoshikawa et al.	
	AT1	4,405,710	9/1983	Balasubramanyam et al.	
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Sheet	3	of	13	Attorney Docket Number	M4065.0959/P0959

	AP3	6,440,837	8/2002	Harshfield	
	AQ3	6,469,364	10/2002	Kozicki	
	AR3	6,473,332	10/2002	Ignatiev et al.	
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	AT3	US 2003/0212724	11/2003	Ovshinsky et al.	
	AU3	US 2003/0048744	3/2003	Ovshinsky et al.	
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Sheet	4	of	13	Attorney Docket Number	M4065.0959/P0959

	AM5	US 5,534,711	7/1996	Ovshinsky et al.	
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	AB6	US 6,339,544	1/2002	Chiang et al.	
	AC6	US 6,404,665	6/2002	Lowery et al.	
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	AL6	US 6,511,867	1/2003	Lowery et al.	
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	AN6	US 6,514,805	2/2003	Xu et al.	
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	AD7	US 6,597,009	7/2003	Wicker	
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
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				Examiner Name	Not Yet Assigned
Sheet	5	of	13	Attorney Docket Number	M4065.0959/P0959

	AJ7	US 6,646,297	11/2003	Dennison	
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	AJ7	US 6,667,900	12/2003	Lowery et al.	
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	AR7	US 6,696,355	2/2004	Dennison	
	AS7	US 6,687,153	2/2004	Lowery	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ -Kind Code ⁵ (if known)				
	BA	JP	56126916	10/1981	Akira et al.		
	BB	WO	97/48032	12/18/1997	Kozicki et al.		
	BC	WO	99/28914	06/10/1999	Kozicki et al.		
Examiner Signature					Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/618,824
				Filing Date	July 14, 2003
				First Named Inventor	Terry L. Gilton
				Group Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	6	of	13	Attorney Docket Number	M4065.1006/P1006-A

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Abdel-Ail, A.; Elshafie, A.; Elhawary, M.M., DC electric-field effect in bulk and thin-film Ge ₅ As ₃₈ Te ₅₇ chalcogenide glass, Vacuum 59 (2000) 845-853.	
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	CC	Adler, D.; Henisch, H.K.; Mott, S.N., The mechanism of threshold switching in amorphous alloys, Rev. Mod. Phys. 50 (1978) 209-220.	
	CD	Affi, M.A.; Labib, H.H.; El-Fazary, M.H.; Fadel, M., Electrical and thermal properties of chalcogenide glass system Se ₇₅ Ge ₂₅ -xSbx, Appl. Phys. A 55 (1992) 167-169.	
	CE	Affi, M.A.; Labib, H.H.; Fouad, S.S.; El-Shazly, A.A., Electrical & thermal conductivity of the amorphous semiconductor GexSe _{1-x} , Egypt, J. Phys. 17 (1986) 335-342.	
	CF	Alekperova, Sh.M.; Gadzhieva, G.S., Current-Voltage characteristics of Ag ₂ Se single crystal near the phase transition, Inorganic Materials 23 (1987) 137-139.	
	CG	Aleksiejunas, A.; Cesnys, A., Switching phenomenon and memory effect in thin-film heterojunction of polycrystalline selenium-silver selenide, Phys. Stat. Sol. (a) 19 (1973) K169-K171.	
	CH	Angell, C.A., Mobile ions in amorphous solids, Annu. Rev. Phys. Chem. 43 (1992) 693-717.	
	CI	Aniya, M., Average electronegativity, medium-range-order, and ionic conductivity in superionic glasses, Solid state Ionics 136-137 (2000) 1085-1089.	
	CJ	Asahara, Y.; Izumitani, T., Voltage controlled switching in Cu-As-Se compositions, J. Non-Cryst. Solids 11 (1972) 97-104.	
	CK	Asokan, S.; Prasad, M.V.N.; Parthasarathy, G.; Gopal, E.S.R., Mechanical and chemical thresholds in IV-VI chalcogenide glasses, Phys. Rev. Lett. 62 (1989) 808-810	
	CL	Axon Technologies Corporation, TECHNOLOGY DESCRIPTION: <i>Programmable Metalization Cell(PMC)</i> , pp. 1-6 (Pre-May 2000).	
	CM	Baranovskii, S.D.; Cordes, H., On the conduction mechanism in ionic glasses, J. Chem. Phys. 111 (1999) 7546-7557.	
	CN	Belin, R.; Taillades, G.; Pradel, A.; Ribes, M., Ion dynamics in superionic chalcogenide glasses: complete conductivity spectra, Solid state Ionics 136-137 (2000) 1025-1029.	
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	CP	Benmore, C.J.; Salmon, P.S., Structure of fast ion conducting and semiconducting glassy chalcogenide alloys, Phys. Rev. Lett. 73 (1994) 264-267.	
	CQ	Bernede, J.C., Influence du metal des electrodes sur les caracteristiques courant-tension des structures M-Ag ₂ Se-M, Thin solid films 70 (1980) L1-L4.	
	CR	Bernede, J.C., Polarized memory switching in MIS thin films, Thin Solid Films 81 (1981) 155-160.	
	CS	Bernede, J.C., Switching and silver movements in Ag ₂ Se thin films, Phys. Stat. Sol. (a) 57 (1980) K101-K104.	
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				Application Number	10/618,824
				Filing Date	July 14, 2003
				First Named Inventor	Terry L. Gilton
				Group Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	M4065.1006/P1006-A
Sheet	13	of	13		

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